

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
7 April 2005 (07.04.2005)

PCT

(10) International Publication Number  
WO 2005/030831 A2

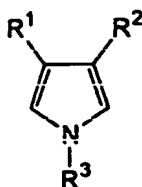
- (51) International Patent Classification<sup>7</sup>: C08G 61/12, H01G 9/00, H01M 10/40
- (21) International Application Number: PCT/JP2004/014444
- (22) International Filing Date: 24 September 2004 (24.09.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:  
2003-332653 25 September 2003 (25.09.2003) JP  
60/508,868 7 October 2003 (07.10.2003) US
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- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

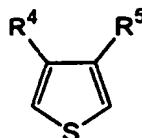
— without international search report and to be republished upon receipt of that report

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(54) Title:  $\pi$ -CONJUGATED COPOLYMER PRODUCTION METHOD THEREOF AND CAPACITOR USING THE COPOLYMER



(III)



(IV)

(57) Abstract: The present invention relates to a novel  $\pi$ -conjugated copolymer having a high conductivity, obtained through chemically oxidative polymerization of a thiophene-based unit represented by formula (IV) and a pyrrole-based unit represented by formula (III) at a low temperature, preferably in the presence of a compound containing a counter anion, and production method therefor, and further relates to an article coated with the copolymer, a solid electrolytic capacitor using the copolymer as solid electrolyte and production method for the capacitor.

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